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[File 344] Chinese Patents Abs Jan 1985-2006/Jan
[File 347] JAPIO Dec 1976-2007/Mar(Updated 0803028)
[File 350] Derwent WPIX 1963-2008/UD,UM &UP=200831
[File 371] French Patents 1961-2002/BOPI 200209

```
Set     Items    Description
S1     5072046    S SEMICONDUCTOR??? OR SEMI()CONDUCTOR??? OR PCB OR TAB OR
PRINT????()CIRCUIT()BOARD??? OR CIRCUIT???()BOARD??? OR LOAD()BOARD??? OR LOADBOARD????
OR LSI OR ASIC OR ELECTRON???()DEVICE??? OR PRINT???()CIRCUIT??? OR IC OR CHIP??? OR
WAFER??? OR MICROCHIP??? OR MICRO()CHIP??? OR VLSI OR FLEX?????? OR (LEAD??? OR WIRE???
OR WIRING OR LINE???) OR TRAC????? OR INTEGRAT?????)(3N)FLEX?????? OR CIRCUIT?????

S2     3303570    S HERMETIC???(2N)SEAL???? OR AIRTIGHT??? OR AIR()TIGHT OR SEAL??? OR
PROTECT???? OR COVER???

S3     2110038    S (CAULK???? OR DISPENS???? OR PATTERN??)(3N)(AGENT??? OR MEANS OR
SEAL???? OR MATERIAL????? OR SUBSTANCE??? OR LAYER??? OR FILM???) OR CYTOP OR
AMORPHOUS()FLUOROCARBON OR POLYIMIDE??? OR BENZOCYCLOBUTENE OR BCB OR POLYMER????

S4     3087477    S (EXTEN???? OR PROJECT????? OR EXPAN????? OR WIDEN??? OR BETWEEN OR
CLOSE???? OR SANDWICH????? OR CENTER????? OR CENTR??? OR MIDDLE OR HALFWAY OR HALF OR
LOCAT???? OR POSITION????? OR MIDPOINT OR MIDWAY OR INBETWEEN OR COVER??? OR ENVELOP????
OR ENCAPSULAT???? OR CONTACT??? OR TOUCH???? OR DIRECT???)(3N)(SIDEWALL??? OR SIDE???? OR
SURFACE??? OR SUBSTRATE OR GASKET??? OR CAP OR SEAL??? OR CAVIT???? OR OPENING OR
RECESS??? OR GAP OR GAPS OR CREVICE???)

S5      283498    S (OPTIM????? OR EFFECT????? OR EFFICIEN????? OR ACCURA???????? OR
MAXIM????? OR BETTER OR EXCEL????? OR IMPROV?????? OR INCREAS???? OR HIGH OR HIGHER OR
ENHANC???? OR GOOD OR QUALIT????)(3N)(HERMETIC?????? OR SEAL??? OR TIGHT???? OR COVER????
OR PROTECT???)

S6       24775    S IC=(H01L-023/10 OR H01L-023/12)
S7        9089    S MC=(U11-C01J8A OR U11-E02A2)
S8        2488    S S1(3N)S2(3N)S3(3N)S4
S9          59    S S8 AND S6
S10          4    S S9 AND S7
S11         84    S MICROCAP??? OR MICRO()CAP
S12         22    S S11 AND S1
S13         18    S S12 AND S2
S14          6    S S13 AND S3
S15         11    S S13 AND S4
S16          4    S S13 AND S5
S17          0    S S11(3N)S2(3N)S3
S18          9    S S11 AND S2 AND S3
S19        103    S S1(3N)S2(3N)S3(3N)S4(3N)S5
S20          3    S S19 AND S6
S21          3    S S19 AND S7
S22         17    S S11 AND S2 AND S4
S23          2    S S22 AND S6
S24          2    S S22 AND S7
S25          3    S S11 AND S3 AND S5
S26          5    S S11(3N)S2
S27          0    S S11(3N)S3
S28         26    S S11 AND S3
S29          6    S S28 AND S1
S30          9    S S28 AND S2
S31          8    S S28 AND S4
S32          3    S S28 AND S5
S33          6    S S14 NOT S10
S34          1    S S16 NOT (S10 OR S14)
S35          3    S S18 NOT (S10 OR S14 OR S16)
S36          2    S S20 NOT (S10 OR S14 OR S16 OR S18)
S37          2    S S21 NOT (S10 OR S14 OR S16 OR S18 OR S20)
S38          1    S S23 NOT (S10 OR S14 OR S16 OR S18 OR S20 OR S21)
S39          0    S S24 NOT (S10 OR S14 OR S16 OR S18 OR S20 OR S21 OR S23)
S40          0    S S25 NOT (S10 OR S14 OR S16 OR S18 OR S20 OR S21 OR S23 OR S24)
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S41   3   S S26 NOT (S10 OR S14 OR S16 OR S18 OR S20 OR S21 OR S23 OR S24 OR S25)

S42   0   S S29 NOT (S10 OR S14 OR S16 OR S18 OR S20 OR S21 OR S23 OR S24 OR S25 OR
S26)

S43   0   S S30 NOT (S10 OR S14 OR S16 OR S18 OR S20 OR S21 OR S23 OR S24 OR S25 OR
S26 OR S29)

S44   1   S S31 NOT (S10 OR S14 OR S16 OR S18 OR S20 OR S21 OR S23 OR S24 OR S25 OR
S26 OR S29 OR S30)

S45   0   S S32 NOT (S10 OR S14 OR S16 OR S18 OR S20 OR S21 OR S23 OR S24 OR S25 OR
S26 OR S29 OR S30 OR S31)

S46   3   S S15 NOT (S10 OR S14 OR S16 OR S18 OR S20 OR S21 OR S23 OR S24 OR S25 OR
S26 OR S29 OR S30 OR S31 OR S32)

S47   3   S S22 NOT (S10 OR S14 OR S15 OR S16 OR S18 OR S20 OR S21 OR S23 OR S24 OR
S25 OR S26 OR S29 OR S30 OR S31 OR S32)

S48   5   S S13 NOT (S10 OR S14 OR S15 OR S16 OR S18 OR S20 OR S21 OR S22 OR S23 OR
S24 OR S25 OR S26 OR S29 OR S30 OR S31 OR S32)

d his full

        (FILE 'HOME' ENTERED AT 16:38:35 ON 01 JUL 2008)

        FILE 'CAPLUS' ENTERED AT 16:38:52 ON 01 JUL 2008
L1   837094 SEA ABB=ON PLU=ON SEMICONDUCTOR OR SEMI CONDUCTOR OR IC OR
                 INTEGRATED CIRCUIT#### OR CHIP OR MICROCHIP
L2   1406397 SEA ABB=ON PLU=ON HERMETIC#### OR SEAL#### OR COVER#### OR
                 AIRTIGHT#### OR AIR TIGHT OR SEAL#### OR PROTECT###
L3   82304 SEA ABB=ON PLU=ON CAULK####(3A)(AGENT OR MEANS OR SEAL####
                 OR MATERIAL OR SUBSTANCE OR LAYER OR FILM) OR CYTOP OR
                 AMORPHOUS FLUOROCARBON OR POLYIMIDE OR BENZOCYCLOBUTENE OR BCB
L4   73822 SEA ABB=ON PLU=ON GASKET OR CAP
L5   295850 SEA ABB=ON PLU=ON (EXTEN#### OR PROJECT### OR BETWEEN OR
                 SANDWICH#### OR INBETWEEN OR ENVELOP#### OR CONTACT### OR
                 DIRECT####)(3A)(SIDEWALL OR SIDE OR SURFACE OR SUBSTRATE OR
                 OPENING OR CAVITY)
L6   6 SEA ABB=ON PLU=ON L1 AND L2 AND L3 AND L4 AND L5
L7   308 SEA ABB=ON PLU=ON L1(3A)L2(3A)L3
L8   2 SEA ABB=ON PLU=ON L7 AND L4
L9   15 SEA ABB=ON PLU=ON L7 AND L5
L10   268 SEA ABB=ON PLU=ON L3(3A)L5
L11   4 SEA ABB=ON PLU=ON L10 AND (L1(3A)L2)
               D L6 IBIB ABS 1-6
L12   2 SEA ABB=ON PLU=ON L8 NOT L6
               D L12 IBIB ABS 1-2
L13   3 SEA ABB=ON PLU=ON L11 NOT (L6 OR L8)
               D L13 IBIB ABS 1-3
L14   15 SEA ABB=ON PLU=ON L9 NOT (L6 OR L8 OR L11)
               D L14 IBIB ABS 1-15
FILE 'STNGUIDE' ENTERED AT 16:50:03 ON 01 JUL 2008

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map pn

[File 344] Chinese Patents Abs Jan 1985-2006/Jan
[File 347] JAPIO Dec 1976-2007/Mar(Updated 0803028)
[File 350] Derwent WPIX 1963-2008/UD,UM &UP=200831
[File 371] French Patents 1961-2002/BOPI 200209

Set   Items   Description
S1   20   PN=AU 2002351114 + PN=AU 2003221826 + PN=CN 100364133 + PN=CN 101026150 +
PN=CN 1282398 + PN=CN 1438825 + PN=CN 1456025 + PN=CN 1459996 + PN=CN 1477908 + PN=CN
1484473 + PN=CN 1498517 + PN=CN 1622700 + PN=CN 1636282 + PN=CN 1638538 FROM 344

S2   15   PN=CN 1653626 + PN=CN 1913193 + PN=DE 10238799 + PN=EP 1286566 + PN=EP
1441571 + PN=EP 1459394 + PN=EP 1473975 + PN=EP 1502311 + PN=EP 1639658 + PN=EP 1722390 +
PN=EP 1821353 + PN=JP 2003142257 + PN=JP 2003187968 + PN=JP 2003203762 FROM 344

S3   21   PN=JP 2003228302 + PN=JP 2003243160 + PN=JP 2003243161 + PN=JP 2005166634
+ PN=JP 2005251476 + PN=JP 2005229471 + PN=JP 2005512299 + PN=JP 2005524946 + PN=JP
2007227345 + PN=JP 3724725 + PN=JP 3928944 + FN=JP 4069639 + PN=JP 4069640 FROM 34

S4   10   PN=KR 2003017350 + PN=KR 2003057053 + PN=KR 2003068425 + PN=KR 2003090419
+ PN=KR 2003090701 + PN=KR 2004013795 + PN=KR 2004044065 + PN=KR 2004066898 + PN=KR
2005052250 + PN=KR 2005066571 + PN=KR 2005067253 + PN=KR 477745 FROM 344, 347, 350, 3

S5   9   PN=KR 553493 + PN=KR 557727 + PN=KR 557728 + PN=KR 565409 + PN=KR 635049
+ PN=KR 703446 + PN=NL 1024323 + PN=TW 200308179 + PN=TW 200308181 + PN=TW 200400773 +
PN=TW 200403946 + PN=TW 200410582 + PN=TW 200414791 + PN=TW 223572 FROM 344, 347

S6   8   PN=TW 231724 + PN=TW 235016 + PN=TW 265747 + PN=TW 268729 + PN=TW 271833
+ PN=US 2003039859 + PN=US 2003107315 + PN=US 2003127976 + PN=US 2003173897 + PN=US
2003197197 + PN=US 2003209979 + PN=US 2003214232 + PN=US 2004027066 FROM 344, 347, 35

S7   11   PN=US 2004031977 + PN=US 2004150319 + PN=US 2005036090 + PN=US 2005041193
+ PN=US 2005045900 + PN=US 2005110404 + PN=US 2005116636 + PN=US 2005139844 + PN=US
2005255782 + PN=US 2006197446 + PN=US 2006214579 + PN=US 2007065965 FROM 344, 347, 3

S8   12   PN=US 2007196949 + PN=US 2007259587 + PN=US 6724143 + PN=US 6791660 +
PN=US 6808828 + PN=US 6835950 + PN=US 6861801 + PN=US 6896572 + PN=US 6897474 + PN=US
6930450 + PN=US 6998648 + PN=US 7030558 + PN=US 7071619 + PN=US 7145290 FROM 344, 347
S9   10   PN=US 7148624 + PN=US 7181979 + PN=US 7193366 + PN=US 7265807 + PN=US
7282749 + PN=US 7282856 + PN=US 7303457 + PN=US 7309271 + PN=US 7317281 + PN=WO 200339203
+ PN=NO 200350894 + PN=WO 200367935 + PN=WO 200388371 + PN=WO 200396440 FROM 344

S10   4   PN=WO 2004112160 + PN=WO 200421464 + PN=WO 200527036 + PN=WO 200583737
FROM 344, 347, 350, 371

S11   46   S1:S10 FROM 344, 347, 350, 371

S12   6   S S11 AND ((OPTIM????? OR EFFECT????? OR EFFICIEN????? OR ACCURA????????
OR MAXIM????? OR BETTER OR EXCEL????? OR IMPROV?????? OR INCREAS???? OR HIGH OR HIGHER OR
ENHANC???? OR GOOD OR QUALIT????) (3N) (HERMIT?????? OR SEAL???? OR PROTECT???? OR
COVER???))

S13   20   S S11 AND (CAULK??? OR BOND???? OR CEMENT???? OR ADHE???? OR GLUEING OR
GLUING OR PAST???? OR STICK???)

S14   22   S S12:S13
S15   11   S S14 AND (CAP OR OPENING OR CAVIT???? OR HOLLOW OR COVER???)
S16   11   S S14 NOT S15

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[File 342] Derwent Patents Citation Indx 1978-07/200806

s pn=(us 7026758 or us 6717052 or us 7026660)
```
           1    PN=US 7026758
           1    PN=US 6717052
           1    PN=US 7026660
S1         3    S PN=(US 7026758 OR US 6717052 OR US 7026660)
```


map pn/ct=

exs
```
 EXS: S CT=EP 1618615 + CT=GB 2383683 + CT=JP 2003203763 + CT=JP
3686885 + CT=TW 200425783 + CT=TW 515062 + CT=TW 560221 + CT=US
2003062830 + CT=US 2003122476 + CT=US 2004211966 + CT=US 6717052 +
CT=US 7026660 + CT=US 7026758
           0    CT=EP 1618615
           1    CT=GB 2383683
           2    CT=JP 2003203763
           0    CT=JP 3686885
           0    CT=TW 200425783
           2    CT=TW 515062
           0    CT=TW 560221
           6    CT=US 2003062830
           7    CT=US 2003122476
           0    CT=US 2004211966
           7    CT=US 6717052
           0    CT=US 7026660
           1    CT=US 7026758
S2        22    S CT=EP 1618615 + CT=GB 2383683 + CT=JP 2003203763 +
CT=JP 3686885 + CT=TW 200425783 + CT=TW 515062 + CT=TW 560221 + CT=US
2003062830 + CT=US 2003122476 + CT=US 2004211966 + CT=US 6717052 +
CT=US 7026660 + CT=US 7026758
 EXS: S CT=WO 200330277 + CT=WO 200497953
           0    CT=WO 200330277
           0    CT=WO 200497953
S3         0    S CT=WO 200330277 + CT=WO 200497953
 EXS: S S2:S3
S4        22    S S2:S3
```

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[File 2] INSPEC 1898-2006/Jan W2
[File 6] NTIS 1964-2006/Jan W4
[File 8] Ei Compendex(R) 1970-2006/Jan W4
[File 34] SciSearch(R) Cited Ref Sci 1990-2006/Jan W4
[File 434] SciSearch(R) Cited Ref Sci 1974-1989/Dec
[File 35] Dissertation Abs Online 1861-2006/Jan
[File 65] Inside Conferences 1993-2006/Jan W5
[File 99] Wilson Appl. Sci & Tech Abs 1983-2006/Apr
[File 144] Pascal 1973-2006/Jan W2
[File 23] CSA Technology Research Database 1963-2006/Jan
[File 103] Energy SciTec 1974-2006/Jan B1
[File 31] World Surface Coatings Abs 1976-2006/Jan
[File 95] TEME-Technology & Management 1989-2006/Jan W5
[File 60] ANTE: Abstracts in New Tech & Engineer 1966-2006/Jan
[File 293] Engineered Materials Abstracts 1966-2006/Jan
[File 239] Mathsci 1940-2005/Feb
[File 256] TECINFOSOURCE 82-2005/DEC

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Set     Items    Description
S1      6245871    S SEMICONDUCTOR??? OR SEMI()CONDUCTOR??? OR PCB OR TAB OR
PRINT????()CIRCUIT()BOARD??? OR CIRCUIT???()BOARD??? OR LOAD()BOARD??? OR LOADBOARD????
OR LSI OR ASIC OR ELECTRON???()DEVICE??? OR PRINT??()CIRCUIT??? OR IC OR CHIP??? OR
WAFER??? OR MICROCHIP??? OR MICRO()CHIP??? OR VLSI OR FLEX?????? OR (LEAD??? OR WIRE???
OR WIRING OR LINE??? OR TRAC????? OR INTEGRAT?????)(3N)FLEX?????? OR CIRCUIT?????

S2      4116681    S HERMETIC???(2N)SEAL???? OR AIRTIGHT??? OR AIR()TIGHT OR SEAL??? OR
PROTECT???? OR COVER???

S3      3171502    S (CAULK???? OR DISPENS???? OR PATTERN??)(3N)(AGENT??? OR MEANS OR
SEAL???? OR MATERIAL???? OR SUBSTANCE??? OR LAYER??? OR FILM???) OR CYTOP OR
AMORPHOUS()FLUOROCARBON OR POLYIMIDE??? OR BENZOCYCLOBUTENE OR BCB OR POLYMER????

S4      1223455    S (EXTEN???? OR PROJECT???? OR EXPAN????? OR WIDEN??? OR BETWEEN OR
CLOSE???? OR SANDWICH????? OR CENTER????? OR CENTR??? OR MIDDLE OR HALFWAY OR HALF OR
LOCAT???? OR POSITION????? OR MIDPOINT OR MIDWAY OR INBETWEEN OR COVER??? OR ENVELOP????
OR ENCAPSULAT???? OR CONTACT??? OR TOUCH???? OR DIRECT???)(3N)(SIDEWALL??? OR SIDE???? OR
SURFACE??? OR SUBSTRATE OR GASKET??? OR CAP OR SEAL??? OR CAVIT???? OR OPENING OR
RECESS??? OR GAP OR GAPS OR CREVICE???)

S5      442270    S (OPTIM????? OR EFFECT????? OR EFFICIEN???? OR ACCURA??????? OR
MAXIM????? OR BETTER OR EXCEL????? OR IMPROV?????? OR INCREAS???? OR HIGH OR HIGHER OR
ENHANC???? OR GOOD OR QUALIT????)(3N)(HERMETIC?????? OR SEAL??? OR TIGHT???? OR COVER????
OR PROTECT???)

S6         351    S S1 AND S2 AND S3 AND S4 AND S5
S7         323    S S1(3N)S2(3N)S3(3N)S4
S8          44    S S7 AND S5
S9          19    S S8 AND PY<=2004
S10         12    RD  (unique items)
S11        243    S S1(3N)S2(3N)S3(3N)S5
S12         37    S S11 AND S4
S13         20    RD  (unique items)
S14         11    S S13 AND PY<=2004
S15         24    S (MICROCAP OR MICRO()CAP)(2N)(BOND???? OR WAFER???)
S16          8    RD  (unique items)
S17         11    S S14 NOT S16
S18          7    S S10 NOT (S14 OR S16)
```